



**Project:** Alaska Copper Works

**Inspection Date:** 05/10/2019

**Project No.:** 19ACW1

**Technician:** Dave Carrico

**System Performance:**

Was system running during the inspection? ☐ Yes ☒ No

Flow Rates (gpm)	Influent	<u>N/A</u>	Effluent	<u>N/A</u>	The flows should be ~155 gpm
Bag Filter #1 Pressures (psi)	Influent	<u>N/A</u>	Effluent	<u>N/A</u>	The bag filters should be replaced if differential pressure > 8 psi
Bag Filter #2 Pressures (psi)	Influent	<u>N/A</u>	Effluent	<u>N/A</u>	
Carbon Filter Pressures (Lead)	Influent	<u>N/A</u>	Effluent	<u>N/A</u>	The carbon filters should be backflushed if differential pressure > 8 psi
Carbon Filter Pressures (Lag)	Influent	<u>N/A</u>	Effluent	<u>N/A</u>	

Were the bag filters replaced? ☐ Yes ☒ No

Was the carbon backflushed? ☐ Yes ☒ No

**Maintenance and Inspection Checklist:**

Task	Completed (Y/N)	Issues/Notes/Comments
Walchem Controller Inspected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flow Meters Inspected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Level Sensor Cleaning/Inspection	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	pulled an inspected no issues
Inspect System Plumbing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Pumps Inspected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
General Housekeeping	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Chemistry Level	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	75gals onsite
Safety Materials Inspected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
pH Probe Inspection/Calibration	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	inspected no calibration need reading in range



**Water Sampling:**

Were water samples taken? ☐ Yes ☒ No

Raw water: pH N/A Turbidity N/A NTU

Bag Filter Influent pH N/A Turbidity N/A NTU

Bag Filter Effluent pH N/A Turbidity N/A NTU

Carbon Filter Influent pH N/A Turbidity N/A NTU

Carbon Filter Effluent pH N/A Turbidity N/A NTU

**Monthly Tasks:**

Were samples submitted to Analytical? ☐ Yes ☒ No

Analytical Lab: \_\_\_\_\_

Was Walchem data downloaded? ☐ Yes ☒ No

Were the tank sludge levels checked? ☐ Yes ☒ No

**Sludge Depth (inches):**

Decant Tank: \_\_\_\_\_

Treatment tank: \_\_\_\_\_

Backflush tank: \_\_\_\_\_

Main lift station: \_\_\_\_\_

North lift station: \_\_\_\_\_

South lift station: \_\_\_\_\_

**Additional Comments, Recommendations and System Upsets:**

Not enough water to do a full system and operations checks

Dave Carrico

Technician

Field Tech

Title

05/10/2019

Date

**Submit**